fs|cdn™

Set-Top Box User Guide

for WEGENER®

intelligentpersonal|tv™

CONKLIN INTRACOM

release 4.5

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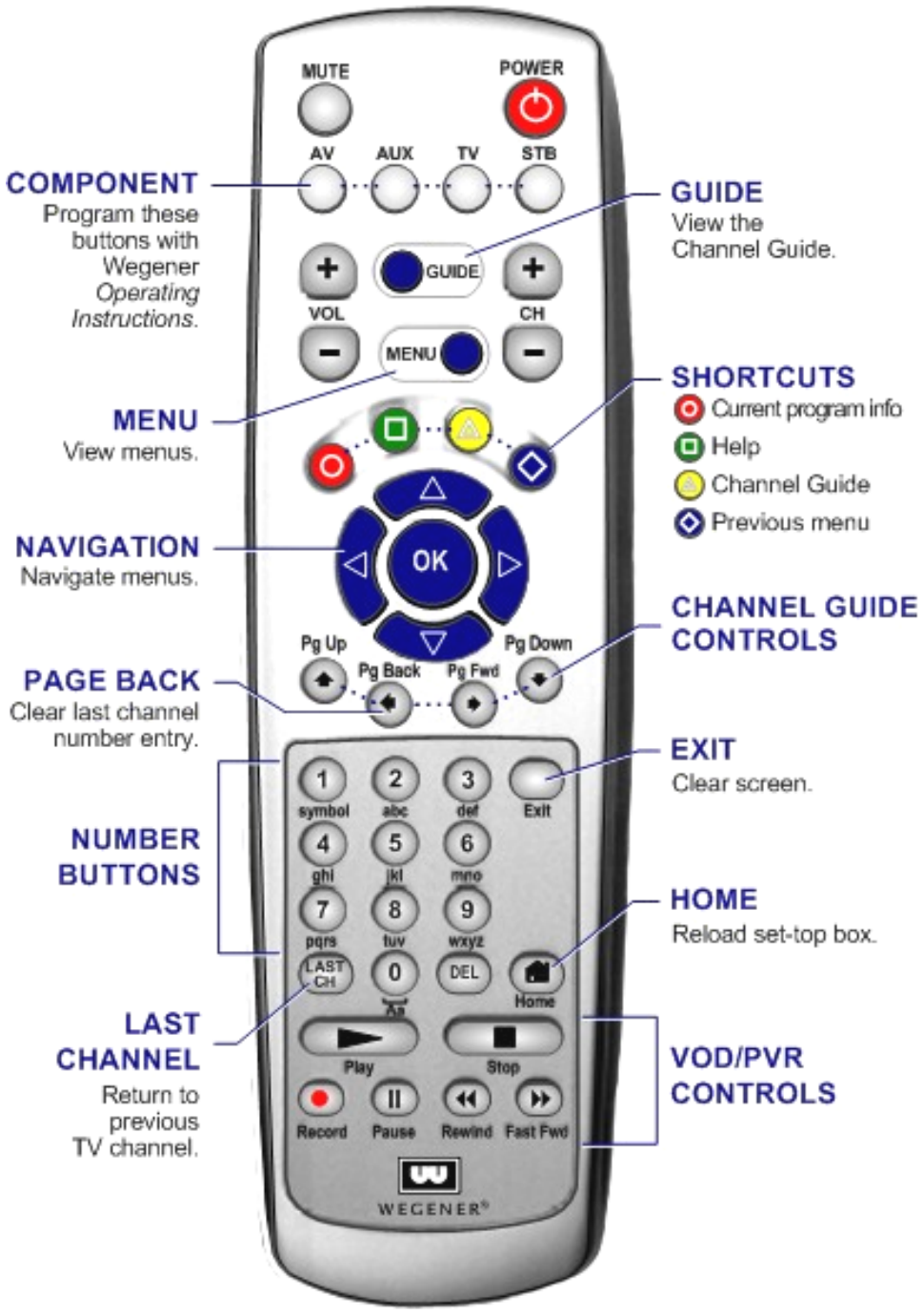
Introduction

The set-top box is your gateway to the Full-Service Content Delivery Network (fs|cdn™) interactive television service including

- Favorite Channels
- Video on Demand
- Pay per View
- Personal Video Recorder
- Parental Locks
- Chat TV
- Caller ID alert

This manual is your guide to accessing these services through the remote control unit.

Remote Control Functions



Remote Control

Button		Function
	MUTE	Mute the volume. Press again to resume previous volume setting.
	POWER	Put set-top box in/out of Standby mode.
	AV, AUX, TV	Activate alternate modes on the remote control. Program these buttons with Wegener *Operating Instructions*.
	STB	Activate the set-top box (STB) mode on the remote control.
	GUIDE	Display the interactive Channel Guide.
	MENU	Display the Main Menu.
+ / –	**VOL**	Raise or lower TV volume.
+ / –	**CH**	Switch the channel number up or down.
SHORTCUTS		
	Program Info	Display current program information.
	Help	Display fs|cdn **Help**.
	Channel Guide	Display the interactive Channel Guide and Favorites.
	Previous Menu	Display previous menu or window.
MENU NAVIGATION		
◁ ▷ △ ▽	arrow	Navigate among selectable items on the screen.
OK	**OK**	Select a highlighted item. Scroll through options.
CHANNEL GUIDE CONTROLS		
	Pg Up/Down	Display previous/next group of channels.
	Pg Back/Fwd	Display previous/next time period. Pg Back clears last channel number.
	Rewind/Fast Fwd	Jump to previous/next day.
NUMBER BUTTONS		
1, **2**...**0**	number	Select channel or enter login password.
	Exit	Clear the menu or screen.
LAST CH	**LAST CH**	Return to previous TV channel.
	Home	Reload the set-top box.
VOD / PVR CONTROLS		
►	**Play**	Play video. Resume normal play from **Rewind**, **Fast Fwd**, or **Pause**.
■	**Stop**	Stop the video.
●	**Record**	Record video to a personal video recorder (PVR).
II	**Pause**	Pause the video. (Press ► to resume where you paused.)
	Rewind	Move video backward.
	Fast Fwd	Move through video quickly. Press repeatedly to increase speed. (In Channel Guide, display next day.)

1. Initial Startup

When you connect power to your set-top box ***for the first time***, you'll configure the set-top box and log in to fs|cdn.

> **IMPORTANT**: ***Do not disconnect power*** to the set-top box until Startup is complete. This will take up to 10 minutes. During this time the set-top box will shut down and start up again, lights may flash or blink, and messages will appear on your TV screen.
>
> Startup is complete when the Welcome screen on your TV screen prompts you for your password (see "Log in" on page 3).

Follow the instructions below to set up your system.

Program the remote control

Before you can use the remote control, you'll need to program it for your TV brand.

1. Determine the brand of your TV (for example, Sony).
2. Find the brand in the list in *"TV Brand Codes,"* on page *40*.
3. Simultaneously press and hold down the **TV** and **OK** buttons on the remote until the **TV** button stays lit.
4. Use the number keys to enter the first 3-digit brand code listed for the TV manufacturer.

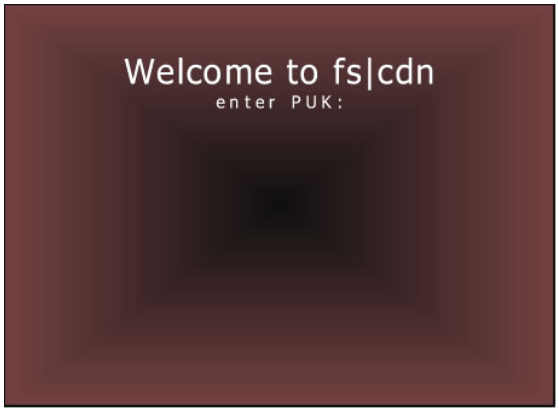
> *Can't* find your TV brand in the list (step 2)?
>
> Try using the code for a common brand such as RCA or Samsung.

> If the **TV** button flashes rapidly for a second and then stays lit, it means the remote doesn't recognize the brand code you entered. Enter the next code listed for this brand, and continue down the list until one works.

5. Verify that the (**POWER**) and **VOL** buttons work.
6. Continue with "Validate the set-top box" on the next page.

Validate the set-top box

1. Install the set-top box according to the installation manual.
2. Connect the AC power and wait a moment for the screen to activate.
   *The **Validation** screen will appear.*



Validation screen

3. On the remote control, press the **STB** button.
4. Use the number keys on the remote control to enter the 8-digit PUK (pin unlock code) available from your fs|cdn provider. Press **OK**.
5. Continue with “Log in.”

Did you make a mistake typing the PUK?

Press **Pg Back** (⬧) to erase the error.

Log in

1 If the set-top box is off, turn it on by pressing **STB** and then (POWER).
*The **Welcome** screen will appear.*

Welcome screen

2 To log in as another user, press ▽ to select a different name. Press **OK**.

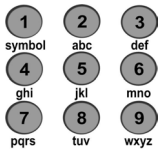
3 Enter the numeric password for the selected user (using the number keys). Press **OK**.
*The default password is **1 2 3 4**.*

Be sure to use the *manager user* name and password when you sign in for the first time.

2. Basic TV Controls

You can control all fs|cdn services from the remote control.

Change the channel



Using *Number* buttons, enter the channel number.

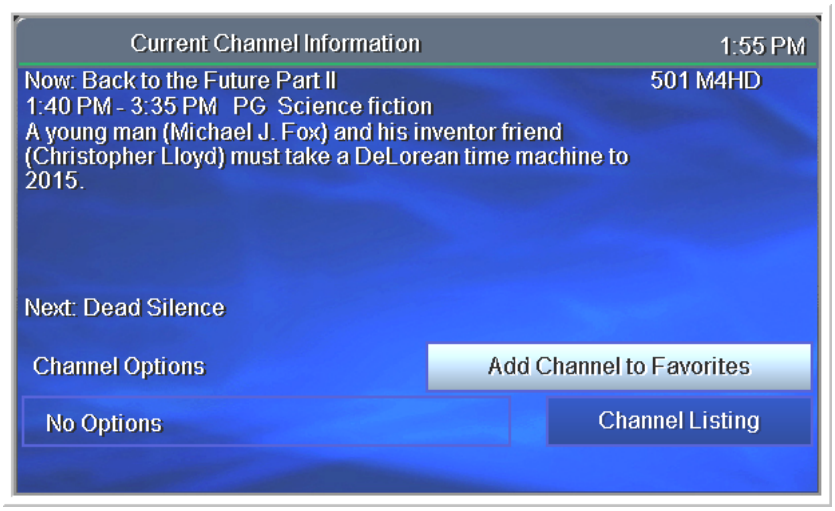
~ OR~

On the CH (*Channel*) buttons, press **+** or **–** to scroll up or down one channel at a time.

View Current Channel Information

See a description of the program you're watching as well as Current Channel Information.

Press the **red (Info)** button.


Current Channel Information
1:55 PM
Now: Back to the Future Part II
501 M4HD
1:40 PM - 3:35 PM PG Science fiction
A young man (Michael J. Fox) and his inventor friend (Christopher Lloyd) must take a DeLorean time machine to 2015.
Next: Dead Silence
Channel Options
Add Channel to Favorites
No Options
Channel Listing

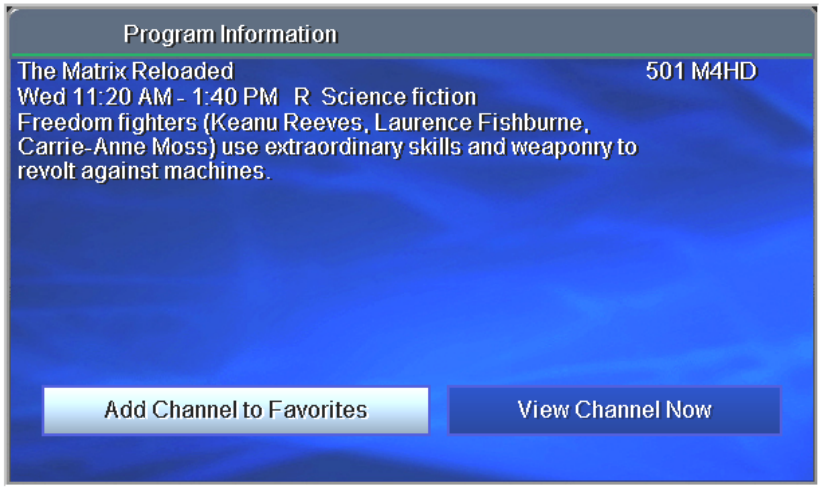
Set Favorites

When you set Favorite channels, you create a separate program guide just for the channels you watch the most – your Favorites!

Press the **Guide** button twice to see My Channels program guide.

Use △ and ▽ buttons to select a channel you want to add to your Favorites program guide.

Press the **red (Info)** button to see program information.


Program Information
The Matrix Reloaded
501 M4HD
Wed 11:20 AM - 1:40 PM R Science fiction
Freedom fighters (Keanu Reeves, Laurence Fishburne, Carrie-Anne Moss) use extraordinary skills and weaponry to revolt against machines.
Add Channel to Favorites
View Channel Now

With 'Add Channel to Favorites' selected, press **OK** on the remote control.

After you've set up Favorite channels, press the **Guide** button *three times* to see the **Favorites** program guide.

View the channel guide

Press the **Guide** button to see a Channel Guide.

Press once for **Offered Channels** (all channels available from your Service Provider).

Press twice for **My Channels** (channels you subscribe to currently).

Press three times for **Favorites** (channels you've set as favorites).

Refer to page 5 to set up Favorite channels.

The **Help Bar** (below the guide) provides a key to the remote control buttons that navigate through channels and program times.*

Buttons	Function
Arrows (◁ ▷ △ ▽)	Scroll through channels and times.
Pg Up/Down (▲ ▼)	Jump to previous/next channels.
Pg Back/Fwd (◀ ▶)	Jump to previous/next times.
Rewind/FastFwd (◀◀ ▶▶)	Jump to previous/next day.

* **Help Bar** appears only if activated. Refer to "Appearance" on page 17 for more information.

In the Help Bar, "mine" denotes the **Favorites** guide.

Press **Exit** to clear the channel guide.

If you don't exit, the Guide window will time out after a few moments of inactivity.

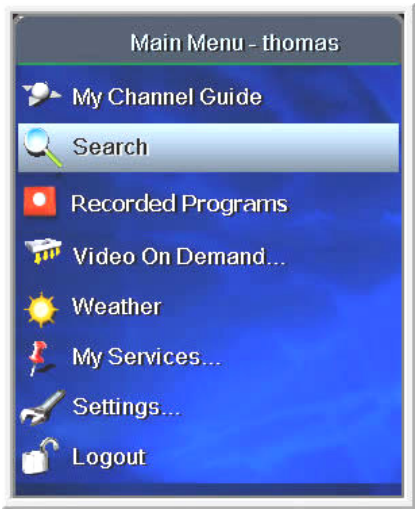
Channel Guide shows programming and a description of the selected program.

Search for programs

Search for a specific program in the Channel Guide.

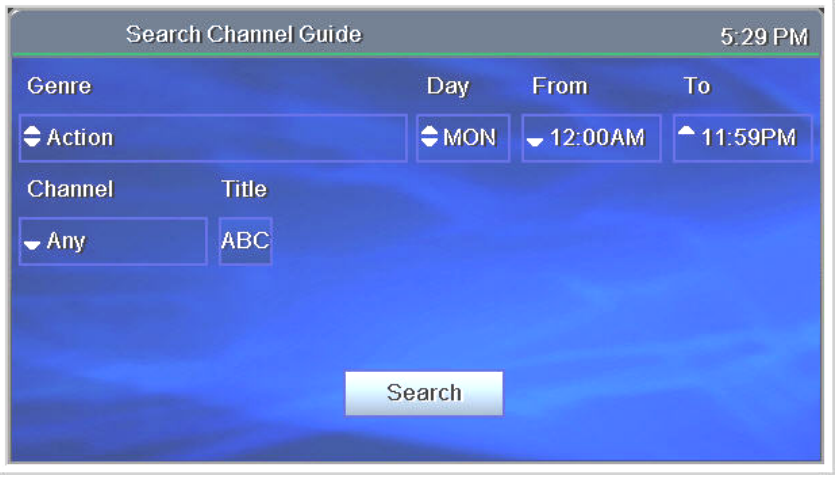
Press **MENU** to access the Main Menu.

MENU



Press ▽ to select **Search** and then press **OK**.

MENU / SEARCH



Press arrow buttons to select one or more categories: **Genre**, **Day**, **From** (start time), **To** (end time), **Channel**, **Title**.

*Press **OK** to scroll through options in the fields on this screen.*

Press **OK** to scroll through options.

If you search by **Title**, you'll spell the program name in the pop-up keyboard. (Partial title is okay.)

Use arrow buttons to select the letters and press **OK** after each. Select the check mark and press **OK**.

In the Search Channel Guide window, select **Search** and press **OK**.

View the **Search Results**.

Select an individual line to see the program description near the top of the window.

Access menus

The **Main Menu** is the gateway to most fs|cdn features.

On the remote control, press arrow keys (◁ ▷ △ ▽) to make your menu selection, and then press **OK**.

Press **MENU** to access the Main Menu.

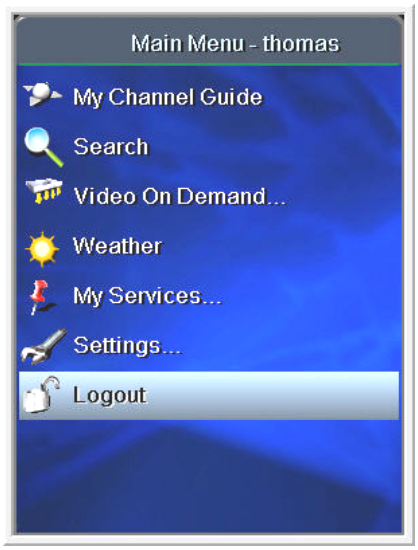
Press the blue diamond button to return to the previous menu.

Press **Exit** to clear all menus from the screen.

Log out

Normally you'll remain logged in to the fs|cdn set-top box, and simply turn off your TV when you're not watching. However, to log in as a different user, you must first log out.

Press **MENU** to access the Main Menu.



Press ▽ to select **Logout**. Press **OK**.

The screen will go blank as the set-top box goes into *Standby* mode.

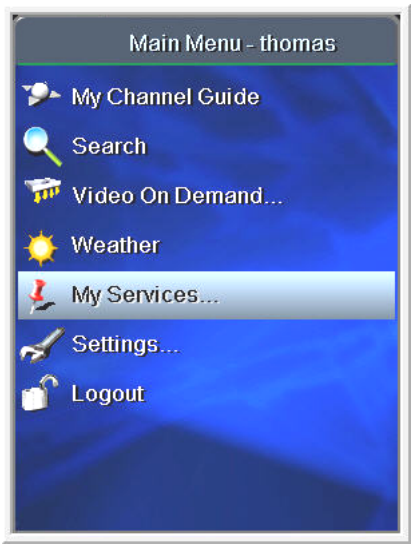
~ OR ~

Press **Power**.

3. “My Services” Menu Options

My Services are optional services you can purchase from your service provider.

MENU



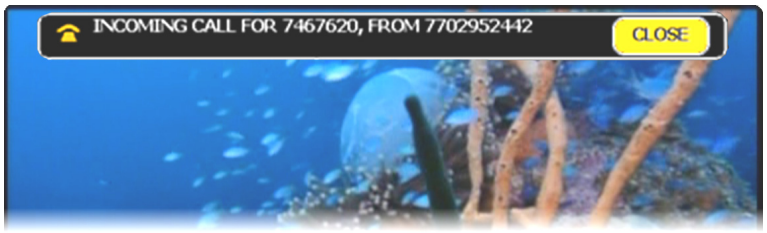
Sample Main Menu (your menu may look different)

Services are available through **My Services** on the Main Menu.

Telephony

The **Telephony** feature displays a Caller ID pop-up alert at the top of your TV screen when you have an incoming phone call. The alert shows phone numbers for the receiver and caller.

CALLER ID POP-UP



When the call alert appears, simply wait for it to time out, or press **OK** on the remote control to close the alert.

To activate Caller ID, refer to “Alerts” on page 16.

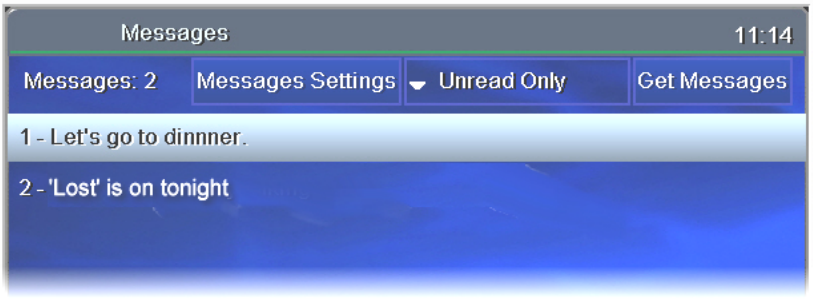
Messages

The **Messages** feature lets you read Email messages on your TV screen.

*Only **Messages** subscribers can use this feature. To subscribe, refer to “Purchase subscription packages” on page 34, or call Customer Service.*

Email messages are read-only.

MENU / MY SERVICES / MESSAGES



Press ▽ to select a message to read. Press **OK**.

Messages
11:06
Subject: Let's go to dinnner.
From: dwashington <dwash@yahoo.com>
Date: 02/13/2008 11:02
Set To Unread
Just seeing if you are interested in going out to dinner Friday night.

View the message you selected.

To keep the message viewable in the ‘Unread’ message list, click **OK** to select **Set To Unread**.

Otherwise, press **Exit** or the blue button.

MENU / MY SERVICES / MESSAGES

To view all messages, press **OK** to change from **Unread Only** to **All**.

Then select **Get Messages** and press **OK**.

To set the system to display on-screen alerts of incoming messages and remember your password, click **Messages Settings** and select **Remember**.

Select **Don’t Remember** to disable on-screen email alerts and require a password for viewing messages.

Chat

The **Chat** feature lets you chat on-line on your TV. You may register an existing instant message (IM) account or use an fs|cdn Chat username.

*Only **Chat** subscribers can use this feature. To subscribe, refer to “Purchase subscription packages” on page 34, or call Customer Service.*

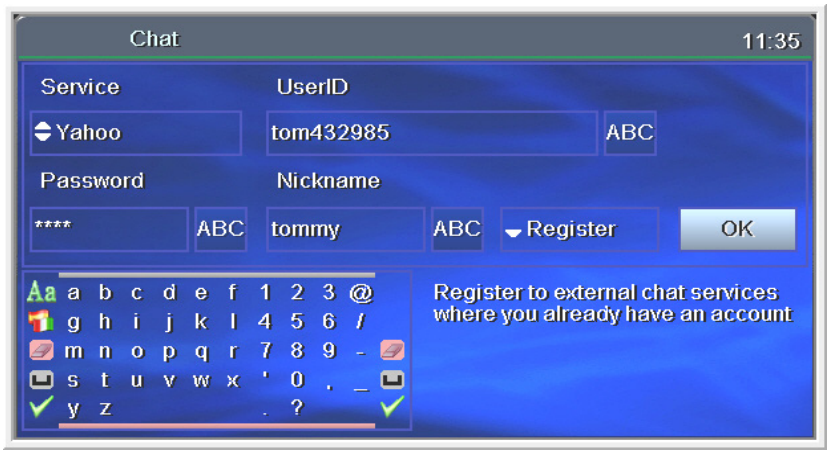
Register your existing account

Register your existing instant message (IM) account with AOL, Google, MSN, or Yahoo to chat with your own user name and password.

MENU / MY SERVICES / CHAT

Select **Registration** and press **OK**.

MENU / MY SERVICES / CHAT / REGISTRATION



On the Chat registration window, press △ repeatedly to highlight the **Service** field.

Press **OK** to scroll and select **MSN**, **AOL**, **Yahoo**, or **Google**.

For UserID, Password, Nickname: Select **ABC** and press **OK**.

In the keyboard, press arrows (◁ ▷ △ ▽) to select letters and press **OK** after each. When done, select the check mark and press **OK**.

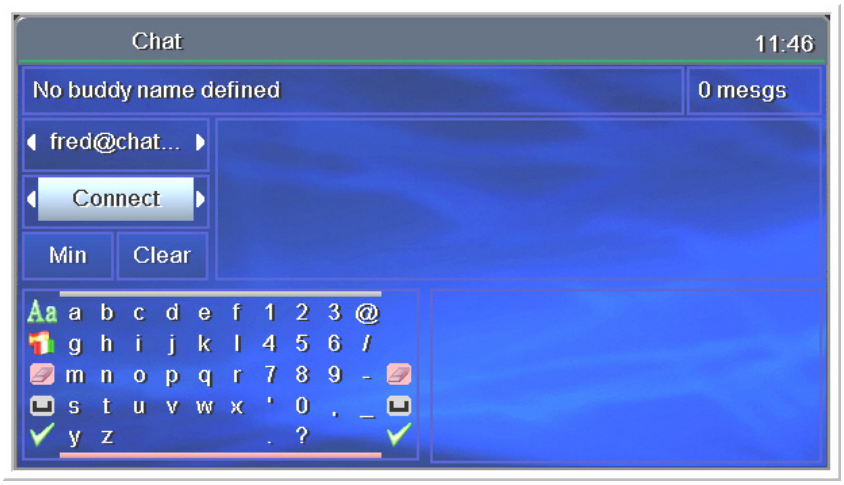
Complete registration: Select **Register**, and then **OK**. Press **OK**.

Activate fs|cdn Chat username

If you are an fs|cdn user, you automatically have a Chat username: It is *username@chatserver*. (For example, if your fs|cdn username is Fred, then your Chat username is *Fred@chatserver*.)

Before you use your fs|cdn Chat username for the first time, activate it as follows.

MENU / MY SERVICES / CHAT



Log in as the user you wish to register.

In the Chat screen, use the arrow buttons to select the Function field.

Press ▷ until you select **Connect** and then press **OK**.

Add a Chat buddy

You will add each of your Chat buddies once only, before you chat with that buddy for the first time.

MENU / MY SERVICES / CHAT

In the Function field, select **Add Buddy** and press **OK**.

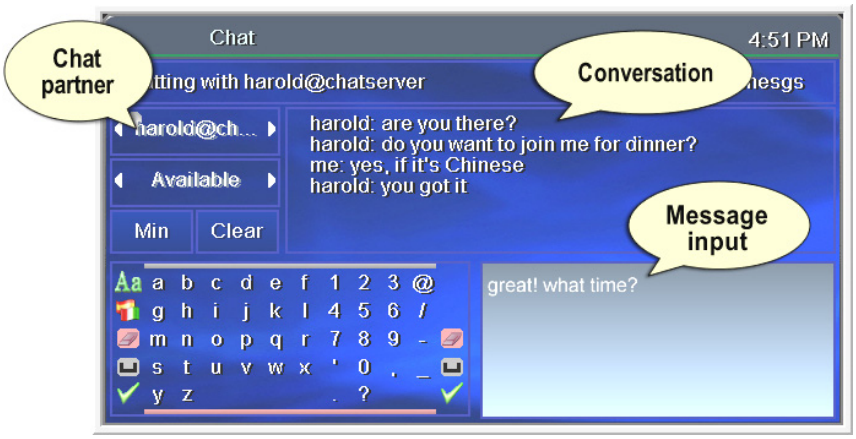
Use the on-screen keyboard to compose the buddy’s IPTV username. (You *do not* need to add “@chatserver”.)

DO NOT select the check mark. Instead, use the up arrow (△) to return to the function field.

With **Add Buddy** selected, press **OK**.

Chat

MENU / MY SERVICES / CHAT



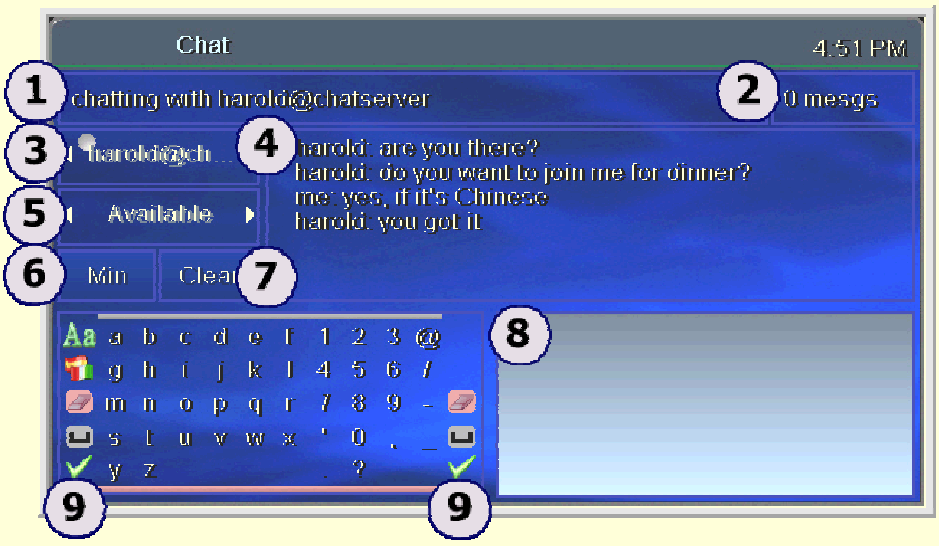
Start chatting

In the Function field, press ▷ to select **Available** and press **OK**.

In the Buddies field, select a Chat partner and press **OK**.

Compose the message: In the keyboard, select letters and press **OK** after each. As you compose the message, it appears in the Input field.

Send the message: Select the check mark and press **OK**.



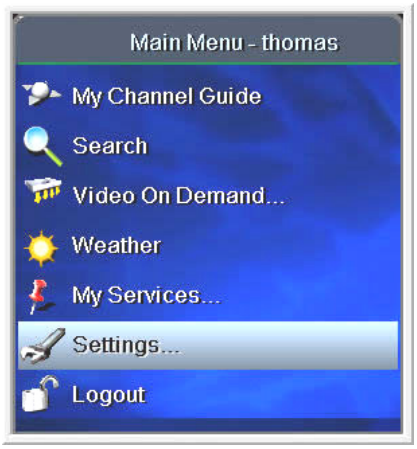
Chat window

1. Status
2. Number of unread messages
3. Buddies
4. Conversation box
5. Function
6. Minimize/Maximize Chat window
7. Erase Conversation box
8. Input (the message you are composing)
9. Formatting tools — **capital/small letters**, **English/Spanish**, **erase** previous letter/number, **space**, **check mark** (to post the message)

Preferences

Preferences include general settings for customizing fs|cdn service.

MENU



Sample Main Menu (your menu may look different)

Preferences settings are available through **Settings** on the Main Menu.

Favorite Channels

The channels you set up as Favorites will appear in a separate program guide. This way, you’ll avoid scrolling through dozens of channels to find your favorite programs.

MENU / SETTINGS / PREFERENCES / FAVORITE CHANNELS

Click a channel in the left column to add it to your Favorites list.

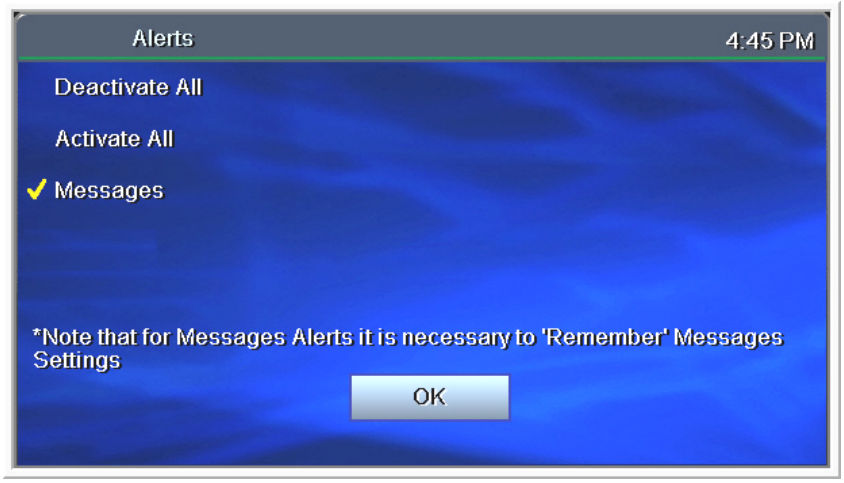
Click a channel in the right column to remove it from your Favorites.

Add as many Favorite channels as you like — there is no limit.

Alerts

Alerts lets you activate or deactivate on-screen notification for Telephony (Caller ID), Chat, and Message services, if you are a subscriber.

MENU / SETTINGS / PREFERENCES / ALERTS



Press ▽ to select a service. Press **OK** to deactivate/activate the service.

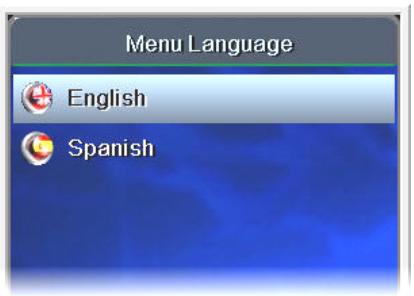
A check mark indicates service is activated.

Select **OK** and press **OK**.

Menu Language

Menu Language lets you choose the language for on-screen menus and windows.

MENU / SETTINGS / PREFERENCES / MENU LANGUAGE

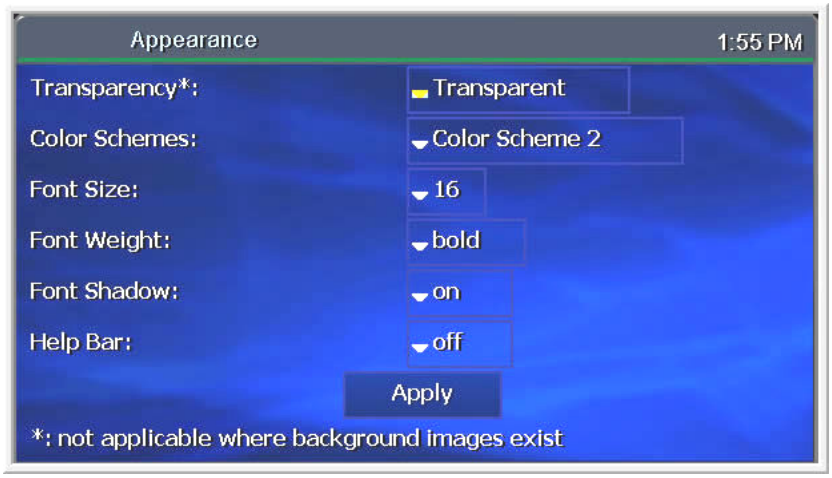


Press ▽ to select a language. Press **OK**.

Appearance

Appearance controls the on-screen format for menus and windows.

MENU / SETTINGS / PREFERENCES / APPEARANCE



Menu Help Bar

Channel Guide Help Bar

Press arrow buttons to move through Appearance options. Press **OK** to make a selection.

Transparency

Transparent – Current program shows through on-screen windows.

Opaque – On-screen windows are opaque.

Color Schemes

View samples below.

Font Size

Size of the type in windows (higher is bigger).

Font Weight

Bold or plain.

Font Shadow

On or off.

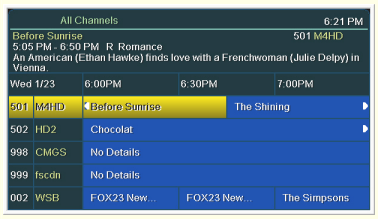
Help Bar *(at left)*

Key to the shortcut buttons. When “on,” it appears below Channel Guide and menus.

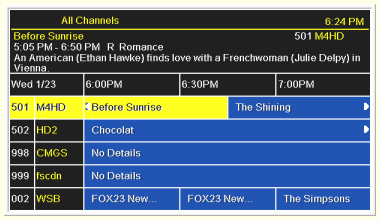
With your selections made, arrow to the **Apply** box and press **OK**.

Color Scheme 1

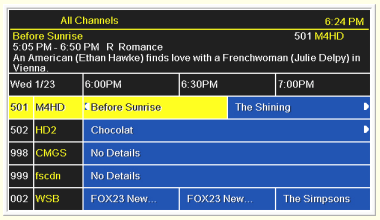
Color Scheme 2



Color Scheme 3



Color Scheme 4



Color Scheme 5

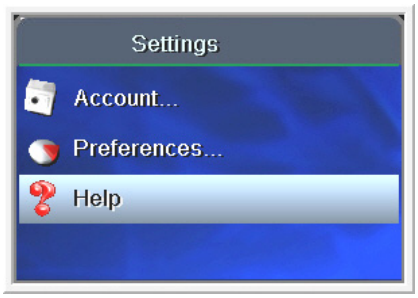
Color Scheme *6*

Sample color schemes

Help

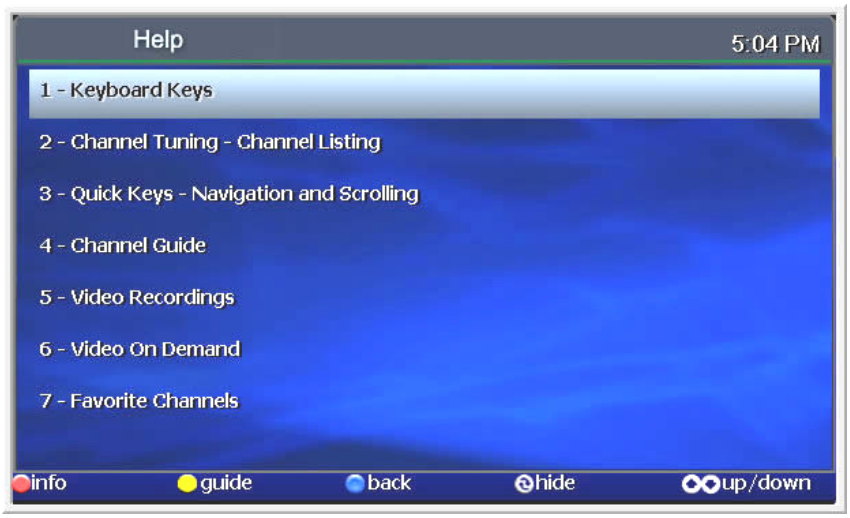
Help provides instructions on your TV screen for using the remote control and fs|cdn features.

MENU / SETTINGS



Help is available through **Settings** on the Main Menu, or press the **Help** button.

MENU / SETTINGS / HELP



Press ▽ or △ to select a topic.
Press **OK**.

4. Paid Programming (PPV, PPB)

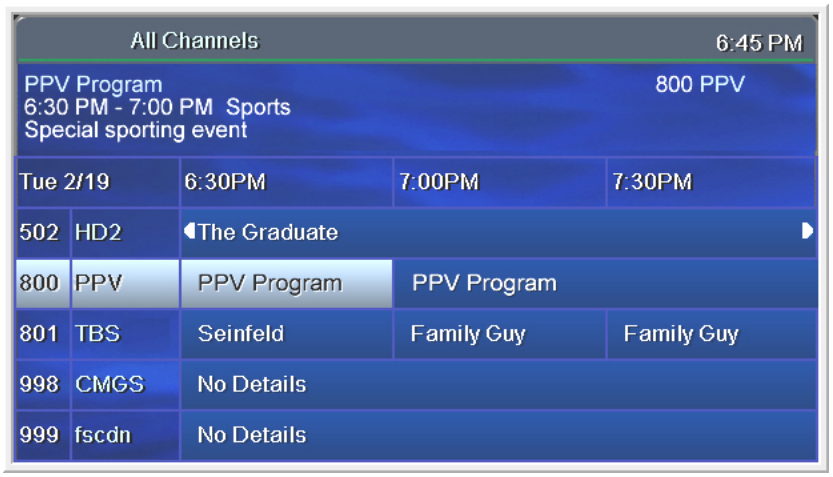
Pay per View and **Pay per Block** services give you access to special broadcasting.

Pay per View

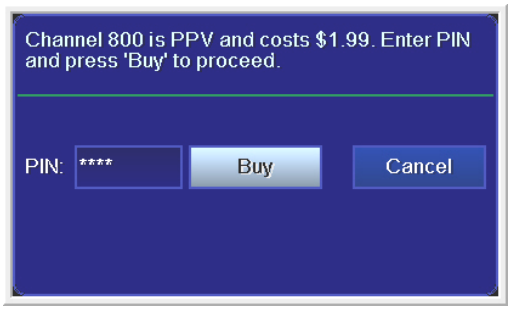
Pay to view specific paid programming broadcasts.

Access the Channel Guide.

GUIDE



In the Pay per View channel listing, select the program you wish to view. Press **OK**.



Use the number keys to enter your PIN and then select **Buy**. Press **OK**.

You will be able to view the selected broadcast on this channel at its scheduled time.

To set up a PIN, refer to "Activate PIN Protection" on page 28.

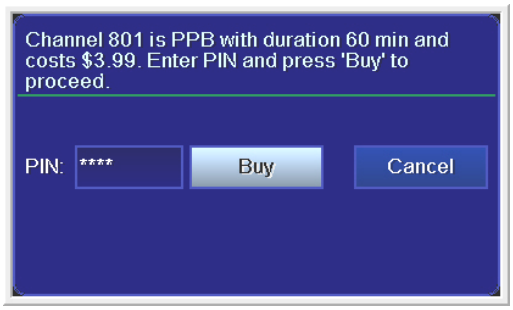
Pay per Block

Purchase blocks of viewing time on specified channels *[where available].*

Access the Channel Guide.

GUIDE

Select a Pay per Block channel. Press **OK**.



Use the number keys to enter your PIN and then select **Buy**.
Press **OK**.

To set up a PIN, refer to "Activate PIN Protection" on page 28.

---

5. Video on Demand (VOD)

Video on Demand (VoD) lets you rent movies for immediate viewing.

Rent a Video on Demand movie

Quick search by category

MAIN MENU / VIDEO ON DEMAND

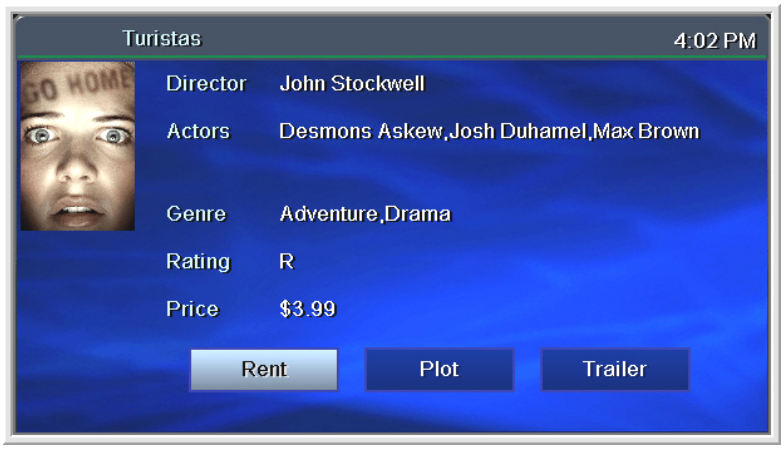
In the Main Menu, select **Video on Demand**.

Press ▽ or △ to select a movie category. Press **OK**.

Press ▽ or △ to scroll through the Search Results.

Select a movie and press **OK**.

MAIN MENU / VIDEO ON DEMAND / SEARCH



Press ▷ or ◁ to select **Rent** (order movie), **Plot** (read movie plot), or **Trailer** (view movie trailer, when available).

Press **OK** and follow the on-screen instructions.

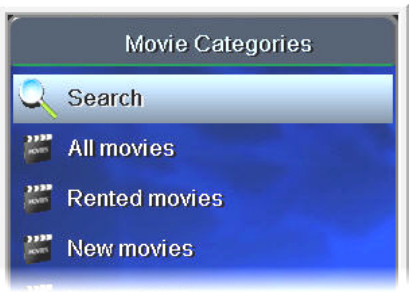
When PIN Protection is activated, the system asks for your PIN.

Refer to page 28 to learn about PINs.

Search by expanded category list

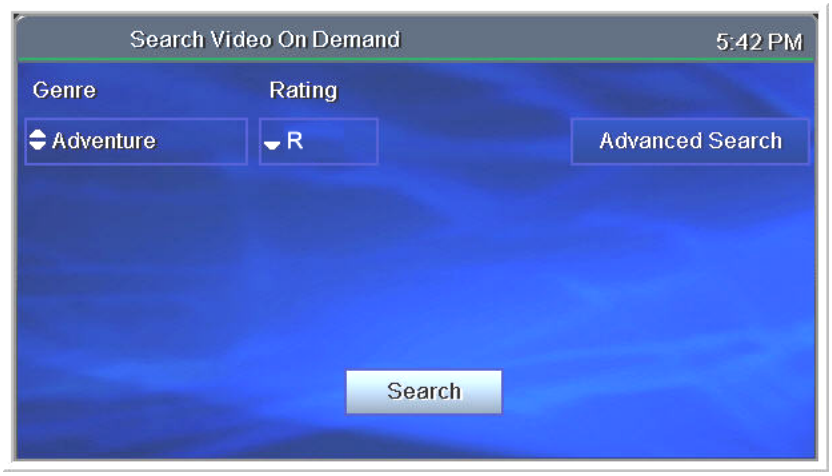
Use this method to narrow your search by category and/or rating.

MAIN MENU / VIDEO ON DEMAND



With **Search** selected, press **OK**.

MAIN MENU / VIDEO ON DEMAND / SEARCH

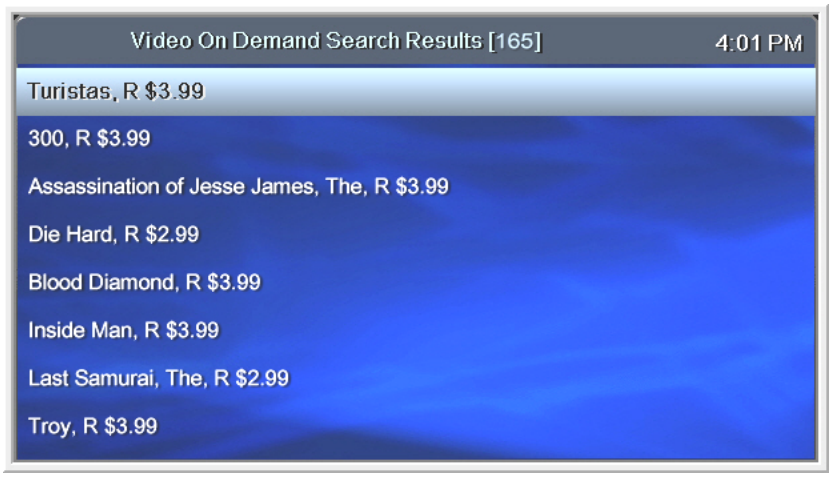


Press arrow buttons to select **Genre** and **Rating** categories.

Press **OK** to scroll through category options.

Select **Search** and press **OK**.

Select options in as few or as many categories as you wish.


Video On Demand Search Results [165]
4:01 PM
Turistas, R $3.99
300, R $3.99
Assassination of Jesse James, The, R $3.99
Die Hard, R $2.99
Blood Diamond, R $3.99
Inside Man, R $3.99
Last Samurai, The, R $2.99
Troy, R $3.99

Press ▽ or △ to scroll through Search Results.

Select a movie and press **OK**.

Follow instructions on the bottom of page 21 to rent the movie.

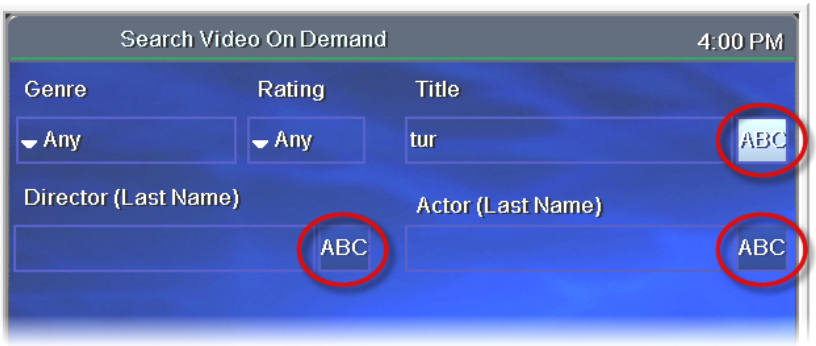
Advanced Search

Advanced Search is useful to find movies that meet specific criteria. You can search by **title**, **director**, or **actor**.

MAIN MENU / VIDEO ON DEMAND / SEARCH

Press ▷ to select **Advanced Search** and press **OK**.

MAIN MENU / VIDEO ON DEMAND / SEARCH / ADVANCED SEARCH



Press the arrow keys to select the **ABC** box at the category you want to search: **Title**, **Director**, or **Actor**.

Press **OK**.

In the pop-up keyboard, select and press **OK** for each letter to spell the **movie title**, **director last name**, or **actor last name** (partial spelling is okay).

When you're done, select the check mark symbol and press **OK**.

Select **Search** and press **OK**.

Press ▽ or △ to scroll through Search Results.

Select a movie and press **OK**.

Follow instructions on the bottom of page 21 to rent the movie.

Navigate in a Video on Demand movie

When you navigate with the remote control in a VOD movie, the **Progress Bar** *(below)* appears.

Button	Function	Progress Bar Indication
Play (►)	Start or resume the movie.	Shows current place in the movie by section and minute (mm:ss).
Stop (■)	Pause the movie. Press ► to resume.	Shows the section and time (mm:ss) where paused.
Pause (⏸)	Pause the movie. Press ► to resume.	Shows the section and time (mm:ss) where paused.
Rewind / Fast Fwd (◄◄ / ►►)	Rewind / fast-forward the movie. Press repeatedly to increase speed.	Indicates **Rewind** or **Fast Forward** mode and rate; **2x** = twice as fast as **Play** speed, **4x** = four times as fast, and so on.
Number keys (0–9) *OR* **arrow keys (◁ ▷)**	Skip among the ten movie sections. **Number keys:** Press the number of sections to skip over; for example, press **6** to start at section 7 of the movie. (**0** takes you to the beginning.) **Arrow keys:** Press right or left arrow key (◁ ▷) to skip forward or back among movie sections; press **OK**.	Shows the selected movie section and minutes transpired in the movie (mm:ss).
Menu MENU	View Progress Bar.	
Exit	Hide Progress Bar.	
Back	Exit the VOD movie and return to regular programming. *To return to the VOD movie, press **Menu** and select the movie as you did when you rented it.* Movies are available for viewing during the 24 hours after purchase.	

6. Personal Video Recorder (PVR)

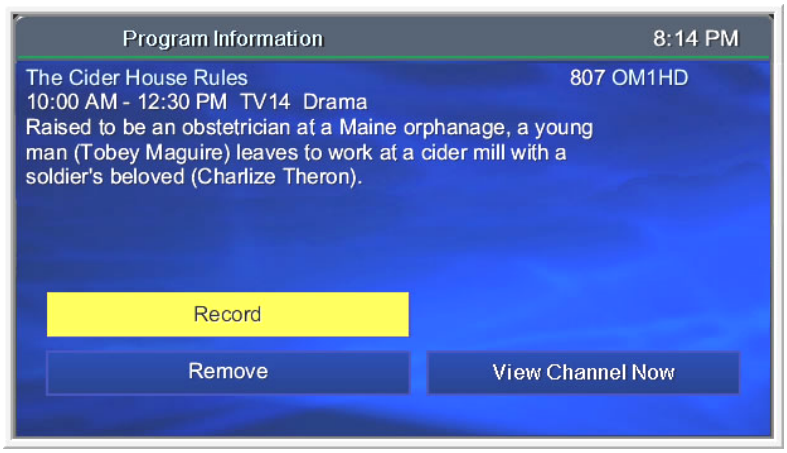
The **Personal Video Recorder** (PVR) feature lets you record programming for repeated viewing or viewing at a later time.

Record a program

Press the **Guide** button twice or three times to see your programs or Favorites.

Use the arrow buttons to select a program. Press **OK**.

GUIDE / [SELECTED PROGRAM]


Program Information
8:14 PM
The Cider House Rules
807 OM1HD
10:00 AM - 12:30 PM TV14 Drama
Raised to be an obstetrician at a Maine orphanage, a young man (Tobey Maguire) leaves to work at a cider mill with a soldier's beloved (Charlize Theron).
Record
Remove
View Channel Now

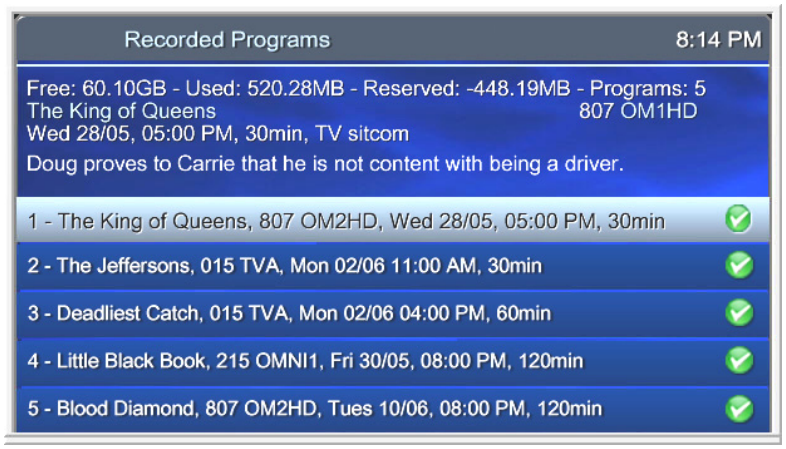
With **Record** selected, press **OK** to set up recording of the selected program.

View a recorded program

In the Main Menu, select **Recorded Programs**. Press **OK**.

View a recorded program

MENU / RECORDED PROGRAMS


Recorded Programs
8:14 PM
Free: 60.10GB - Used: 520.28MB - Reserved: -448.19MB - Programs: 5
The King of Queens
807 OM1HD
Wed 28/05, 05:00 PM, 30min, TV sitcom
Doug proves to Carrie that he is not content with being a driver.
1 - The King of Queens, 807 OM2HD, Wed 28/05, 05:00 PM, 30min
2 - The Jeffersons, 015 TVA, Mon 02/06 11:00 AM, 30min
3 - Deadliest Catch, 015 TVA, Mon 02/06 04:00 PM, 60min
4 - Little Black Book, 215 OMNI1, Fri 30/05, 08:00 PM, 120min
5 - Blood Diamond, 807 OM2HD, Tues 10/06, 08:00 PM, 120min

Press ▽ to scroll through recorded programs.

Select a program and press **OK**. The description at the top of the window is for the program selected.

Symbols show the status for each recording:

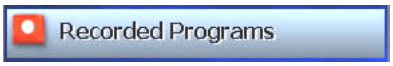
- Completed successfully
- Unsuccessful
- In progress
- Scheduled
- Interrupted

MENU / RECORDED PROGRAMS / [SELECTED PROGRAM]

Press ◁ to select **Play**. Press **OK**.

To navigate in the recorded program, use VOD/PVR Control buttons (Play, Stop, Pause, Rewind, Fast Fwd) shown at the bottom of page *iv*.

Remove a recorded program



In the Main Menu, select **Recorded Programs**. Press **OK**.

Select the program to remove.

MENU / RECORDED PROGRAMS / [SELECTED PROGRAM]

Press ◁ to select **Remove**. Press **OK**.

7. Account Services

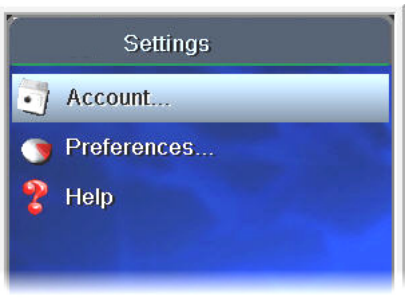
Account setup may include some or all of these procedures, depending on the services you've ordered:

Access the Account menu *(page 27)*
Change password *(page 28)*
Activate PIN Protection *(page 28)*
Create a user *(page 30)*
Set parental controls (Locks) *(page 32)*
Purchase subscription packages *(page 34)*
Manage subscriptions *(page 36)*
Manage user actions *(page 37)*
Set Autologin *(page 38)*
View subscriber details *(page 38)*
View billing activity *(page 39)*

Access the Account menu

To set up or change your services, first access the **Account** menu:

Press **MENU** to access the Main Menu.
Press ▽ to select **Settings**. Press **OK**.

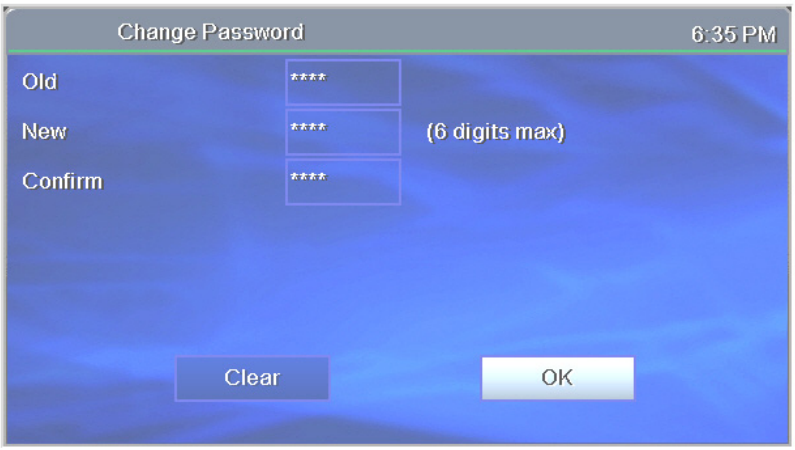


With **Account** selected, press **OK**.

Change Manager User's password

These instructions will change the ***Manager User's*** password. To change another user's password, refer to "Manage user actions' on page 37.

MENU / SETTINGS / ACCOUNT / CHANGE PASSWORD



Access the **Account** menu (page 27) and select **Change Password**.

Complete the fields:

Old – Use number buttons to enter old password.

New – Use number buttons to enter new password.

Confirm – Enter the password numbers again.

Press ▽ to select **OK**.
Press **OK**.

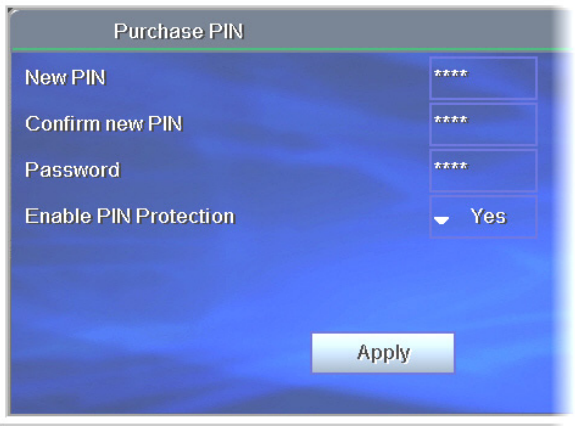
Activate PIN Protection

fs|cdn features two types of optional personal identification numbers (PINs): **Purchase PIN** allows secure purchase of subscriptions or services, and **Rating PIN** allows parental controls.

Set Purchase PIN

When activated, a Purchase PIN is required to purchase subscriptions and Video on Demand, Pay per View, and Pay per Block services.

MENU / SETTINGS / ACCOUNT / PURCHASE PIN



Access the **Account** menu (page 27) and select **Purchase PIN**.

Complete the fields:

New PIN – Use number buttons to enter 4-digit PIN.

Confirm new PIN – Enter the PIN again.

Password – Enter your 4-digit numeric password.

Enable PIN Protection – Press **OK** to select Yes or No. (Will appear only if PIN Protection is activated.)

Click **Apply** and press **OK**.

Set Rating PIN

A **Rating PIN** allows a user to view programming with a higher rating than the rating specified when the user was created (see “Create a user” on page 30). The *manager user* may set Rating PINs.

MENU / SETTINGS / ACCOUNT / RATING PIN

Access the **Account** menu (page 27) and select **Rating PIN**.

Complete the fields:

New PIN – Use number buttons to enter the 4-digit PIN.

Confirm new PIN – Enter PIN again.

Password – Enter your 4-digit numeric password.

Enable PIN Protection – Press **OK** to select Yes or No. (Will appear only if PIN Protection is activated.)
If No, then this user cannot view programming with a higher rating under any circumstances.

PIN Protected Rating – Press **OK** to select the highest rating user can view without a Rating PIN.

Select **Apply** and press **OK**.

Example:

John is a 13-year-old user specified with a **TV-14** rating. His parents also assigned John a PIN-Protected Rating of **R**.

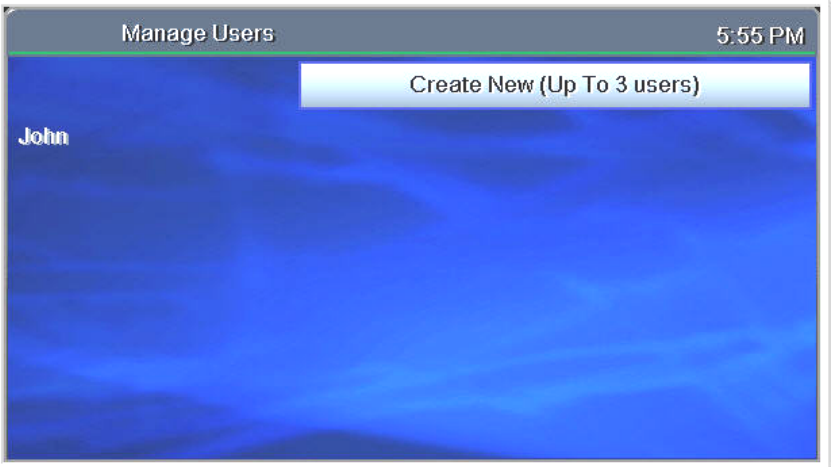
The following rules apply to John:

PIN-Protection enabled (option ‘Yes’)	✓ May view programming as high as **TV-14** without PIN ✓ May view **R** with PIN ✓ May not ever view higher than **R**
PIN-Protection disabled (option ‘No’)	✓ May view as high as **TV-14** only

Create a user

The ***Manager User*** for a subscriber account can create additional users in the account.

MENU / SETTINGS / ACCOUNT / MANAGE USERS



Access the **Account** menu (page 27) and select **Manage Users**.

Select **Create New** and press **OK**.

If you don't see the **Create New** option, it's because your account already has the maximum number of users.

Contact Customer Service to add users.

With **ABC** selected, press **OK**.

Create a user

In the pop-up keyboard, press arrow buttons (◁ ▷ △ ▽) to select letters and press **OK** after each to spell the new username.

Select the check mark and press **OK**.

Complete the remaining fields:

Password	Press number buttons on the remote to enter a numeric password of your choice. [If you make a mistake, press Pg Back (⬅) to erase.]
Confirm	Enter the password numbers again.
Rating	Press **OK** to scroll through ratings. Stop at the highest rating level you want this user to view. Users will need a Rating PIN to view programming higher than the rating you specify here. See page 29 for details.
Sp.Limit	Press number buttons to enter amount this user may spend per billing period (for VoD, PPV, etc.).
Can(not) Subscribe	Press **OK** to toggle between **Can** and **Cannot Subscribe**. ***Can Subscribe** means this user will be able to add subscription services.*

Select **OK** and press **OK** to save settings.

Ratings:

ALL - all programs
TVMA - mature audience only
R - restricted
TV14 - parents strongly cautioned
TVPG - parental guidance suggested
TVG - general audience
TVY7 - directed to older children
TVY - approved for all children

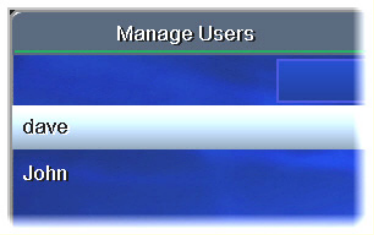
Set parental controls (Locks)

The *manager user* can control user viewing in several ways:

- Lock user out of TV for a set time *(page 32)*
- Lock user out of a program / channel *(page 33)*
- Lock user out of TV indefinitely *(page 33)*

*For all Lock settings, access the **Account** menu (page 27) and select **Manage Users**.*

MENU / SETTINGS / ACCOUNT / MANAGE USERS



For all Lock settings, begin by selecting Manage Users, and then select the user you wish to control. Press **OK**.

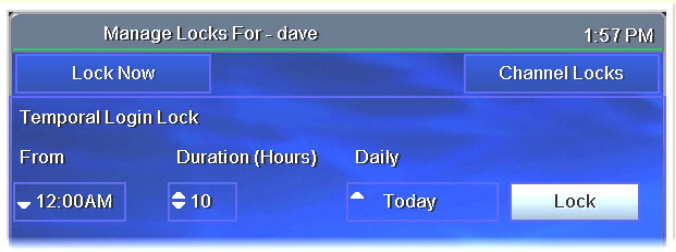
MENU / SETTINGS / ACCOUNT / MANAGE USERS / [USERNAME]

Select **Locks** and press **OK**.

Continue with the instructions below for the action you want (lock user out of program, out of channel, or out of TV).

Lock user out of TV for a set time

MENU / SETTINGS / ACCOUNT / MANAGE USERS / [USERNAME] / LOCKS



Choose the lockout period: Complete the **From**, **Duration**, and **Daily** fields by pressing **OK** to scroll through options.

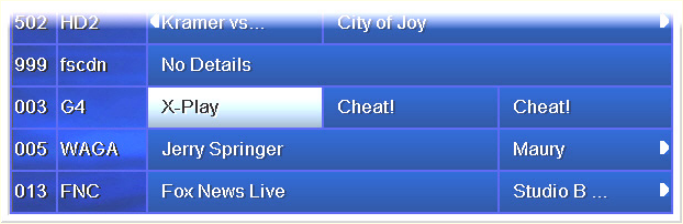
With the fields set, select **Lock** and press **OK**.

Lock user out of a program/channel

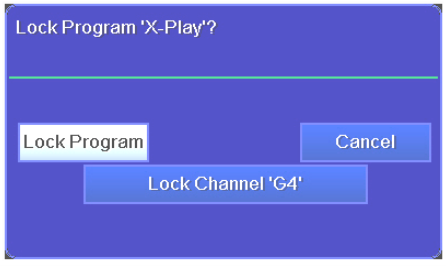
MENU / SETTINGS /
ACCOUNT / MANAGE USERS / [USERNAME] / LOCKS

Select the user account as described above.

Select **Channel Locks** and press **OK**.



Select the program to lock, or any program in the channel to lock, and press **OK**.



Select **Lock Program** or **Lock Channel**, and press **OK**.

*To unlock, repeat these steps, except select **Unlock**.*

The channel guide will show a padlock symbol to identify the program or channel as locked.

Lock user out of TV indefinitely

MENU / SETTINGS /
ACCOUNT / MANAGE USERS / [USERNAME] / LOCKS

Select the user account as described on page 32.

Select **Lock Now** and press **OK**.

This user will be blocked from logging in.

*To unlock the user, repeat these steps, except select **Unlock Now**.*

Purchase subscription packages

The fs|cdn provider offers *packages* of programming. When you subscribe to a package, you may purchase any or all entertainment options (such as channels and services) that the package offers.

You may have set up subscriptions with a Customer Service Representative at the time you ordered fs|cdn.

The *manager user* (and other users if designated) can add subscription features using the set-top box (refer to “Create a user” on page 30 to designate ‘Can Subscribe’).

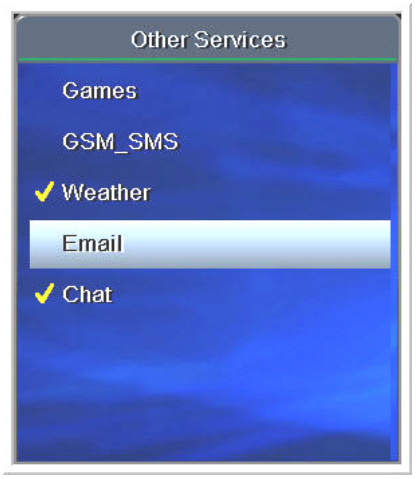
The following instructions are for adding a subscription for the user logged in. Manager users can add subscriptions for other users by starting with the ***Manage Users*** *function* (refer to “Manage user actions” on page 37).

MENU / SETTINGS / ACCOUNT / AVAILABLE SUBSCRIPTIONS

Access the **Account** menu (page 27) and select **Available Subscriptions**.

The **Subscription Bundles** menu shows product bundles available from your service provider.

To view the content of a bundle, select the bundle and press **OK**.



Sample subscriptions in a Subscription Bundle. Your menu may look different.

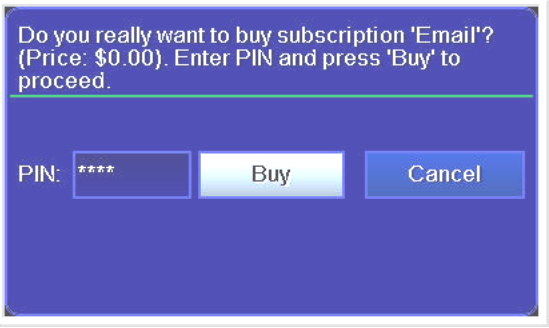
The system will show available subscriptions in the bundle you selected. A check mark indicates that the subscription is already purchased for the user logged in.

Select the subscription you wish to purchase now. Press **OK**.

Follow the on-screen instructions.

*If you’re buying Chat or Email service, the system will request additional information. Refer to “*Chat and Email*” on page 35.*

Purchase subscription packages



When prompted, enter your 4-digit PIN.

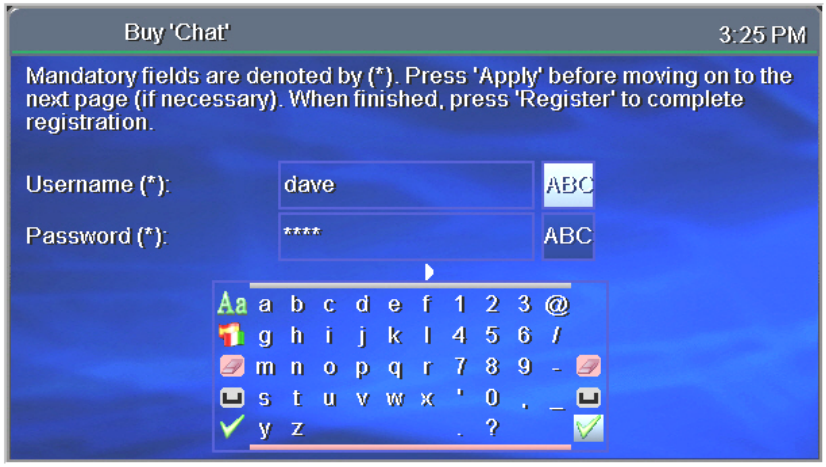
Select **Buy** and press **OK**.

Confirm that a check mark appears beside each purchased subscription.

Chat and Email

When you purchase Chat or Email (Messages) service, the system will request additional information.

MENU / SETTINGS / ACCOUNT / AVAILABLE SUBSCRIPTIONS / OTHER SERVICES


Buy 'Chat'
3:25 PM
Mandatory fields are denoted by (*). Press 'Apply' before moving on to the next page (if necessary). When finished, press 'Register' to complete registration.
Username (*):
dave
ABC
Password (*):
****
ABC

In the window that appears, select **ABC** beside each field. Use the keyboard pop-up to complete the **Username** and **Password** fields:

Select the check mark and press **OK** for each field before starting the next.

Complete any remaining fields.

Select **Buy** and press **OK**.

Refer to pages 11 and 12 for more information about Email (Messages) and Chat service.

Manage Subscriptions

To purchase a subscription, refer to "Purchase subscription packages" on page 34, or contact Customer Service.

View Purchased Subscriptions

View subscription bundles already purchased for the user logged in.

MENU / SETTINGS / ACCOUNT / MY OWN SUBSCRIPTIONS

Access the **Account** menu (page 27) and select **My Own Subscriptions**.

Select a subscription and press **OK**.

Details - Conklin Basic
4:28 PM
Description: Basic Local Channels
Products: WSB, FNC, PCHTV, HDNMOV, KTPX, NFL, FX, WAGA, HD2, fscdn, HDNET, M4HD, CMGS, G4

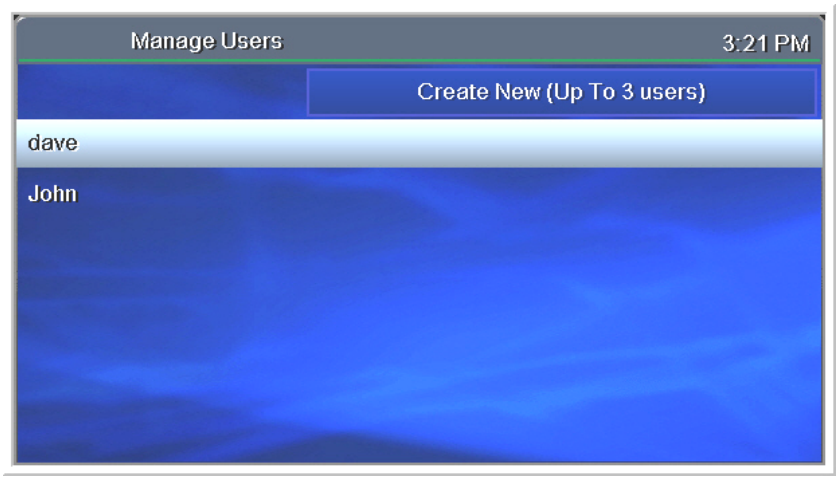
View the description of the subscription you chose above.

Manage user actions

*The **Manager User*** can set or modify settings for all users in the account.

User settings include subscriptions, parental locks, password, and Autologin.

MENU / SETTINGS / ACCOUNT / MANAGE USERS



Access the **Account** menu (page 27) and select **Manage Users**.

Select the user name and press **OK**.

Changes you make in the next screens will be for the user you select here.

Select a **User Action** category to view or modify. Press **OK**.

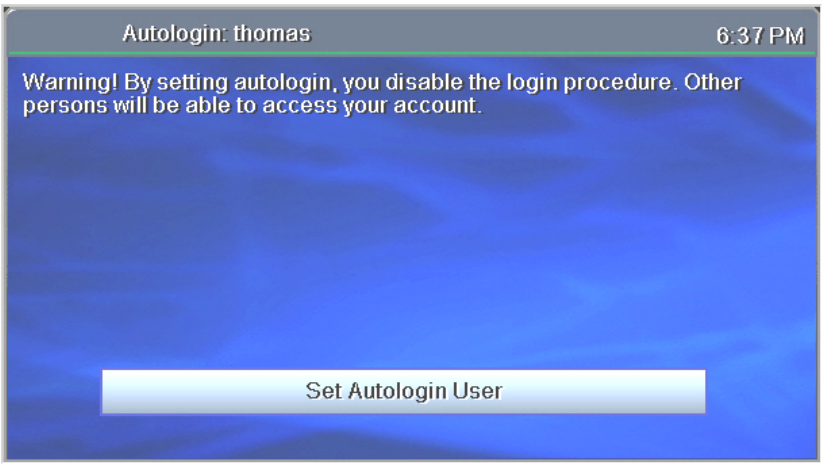
The manager user may take these actions for the selected user:

Avail. Sub.	Follow steps in "Purchase subscription packages" on page 34.
My Own Sub.	View current subscriptions for the selected user.
Locks	Activate/deactivate parental control for programs or channels. Follow steps in *"Set parental control (Locks)"* on page 32.
Modify	View or change user info including password and rating.
Activity	View billing activity.
Autologin	Set the user login so it doesn't require a password.
Delete	Delete selected user. (Select **Yes** or **No**.)

Set Autologin

When you set Autologin, the login procedure becomes disabled and no password is required.

MENU / SETTINGS / ACCOUNT / AUTOLOGIN


Autologin: thomas
6:37 PM
Warning! By setting autologin, you disable the login procedure. Other persons will be able to access your account.
Set Autologin User

Access the **Account** menu (page 27) and select **Autologin**.

Press ▽ to select **Set Autologin User**.
Press **OK**.

Use the same steps to turn off Autologin.

Other users will be able to access your account when Autologin is enabled.

View subscriber details

View subscriber settings for the user who is currently logged on.

MENU / SETTINGS / ACCOUNT / DETAILS

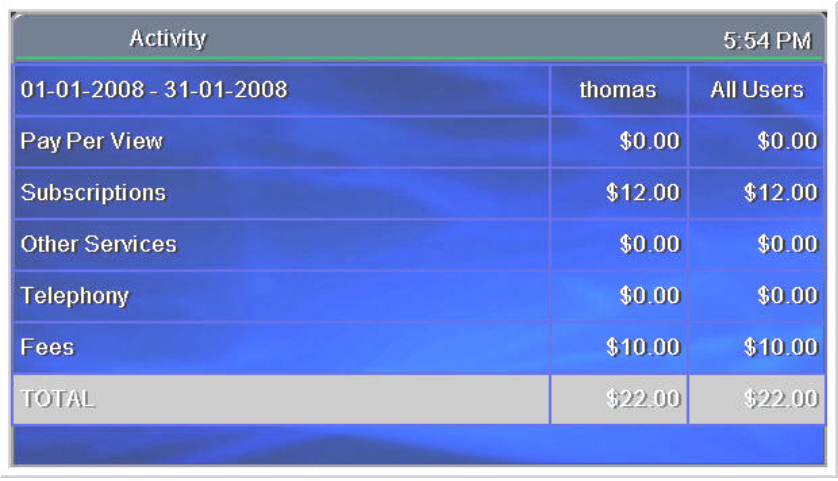
Access the **Account** menu (page 27) and select **Details**.

To change settings, please contact Customer Service.

View billing activity

View current billing activity for a specific user or for all of the users in an account.

MENU / SETTINGS / ACCOUNT / ACTIVITY



Access the **Account** menu (page 27) and select **Activity**.

If you have questions about your bill, please contact Customer Service.

TV Brand Codes

TV

Brand	Code (3-digit)
ADMIRAL	072 081 160 161 096
ADVENT	247
AIKO	103
AKAI	006 146 248
ALARON	028
AMARK	112 143
AMERICA ACTION	043
AMPRO	073
ANAM	043 054 055 056 080 112
AOC	058 006 004 112
APEX DIGITAL	015 226 037
AUDIOVOX	076 103 043 035
BAYSONIC	043
BELL&HOWELL	072
BRADFORD	043
BROKSONIC	096
CANDLE	006 002 003 004
CAPEHART	058
CARVER	164
CELEBRITY	148
CETRONIC	043
CINERAL	103 120
CITIZEN	006 002 003 004 101 103 143
CLASSIC	043
CONCERTO	004
CONTEC	043 051
CORONADO	143
CRAIG	043 054 028
CROSLEY	164
CROWN	043 143
CURTIS MATHES	006 004 101 143 011 072 081 120 164
CXC	043
DAEWOO	076 103 055 004 127 143 016 043 044 125 120
DAYTRON	004 143
DELL	041
DENON	011
DUMONT	004 073
DWIN	161
DYNASTY	043
DYNATECH	062
ELECTROBAND	001
ELECTROHOME	024 076 143

TV

Brand	Code (3-digit)
EMERSON	005 028 043 048 076 096 155 004 051 143 151 153 154
ESA	078
FISHER	007 057
FUJITSU	164 028 198 246 066
FUNAI	028 043 052 249
FUTURETECH	043
GATEWAY	242 078
GE	006 073 144 160 161 004 008 009 034 056 074 091 155 081 120
GIBRALTER	004 073
GOLDSTAR	004 106 119 110 112 113 127 143
GRUNPY	028 043
HALL MARK	004
HARLEY DAVIDSON	028
HARMAN KARDON	164
HARVARD	043
HITACHI	163 004 007 009 011 072 010 012 023 075 143 158
HP	027 039
HYUNDAI	049 067
INFINITY	164
INSIGNIA	024
INKEL	129
INTEQ	073
JBL	164
JCB	001
JCPENNEY	004 006 008 024 030 065 101 143 156 160
JENSEN	013
JVC	038 001 034 083 206
KENWOOD	006 001
KLOSS	002 059
KTV	006 043 143 154
LG	004 106 119 110 112 113 127 143 084
LODGENET	072
LOEWE	207 164
LOGIK	072
LUXMAN	004
LXI	007 015 052 081 160 164
MAGNAVOX	006 003 004 022 059 060 061 063 064 127 164 094 160 028 035
MAJESTIC	072
MARANTZ	164 006

TV

Brand	Code (3-digit)
MATSUI	164
MATSUSHITA	080
MEGATRON	004
MITSUBISHI	109 024 042 004 040 146 028 081 225
MOTOROLA	081
MTC	006 004 062 101
MULTITECH	043
NAD	015 025
OPTIMUS	080
OPTOMA	029 032
PHILCO	006 003 004 024 056 059 060 063 064 127 143 164
PHILIPS	164 005 038 093 127 006 003 004 059 210
PIONEER	023 025 135 176 004 018 006 209 234
POLAROID	015 077 078 079
PORTLAND	004 143 103
PRISM	034
PROSCAN	144 160 161
PROTON	004 058 143 171 173 112
QUASAR	034 056
RADIO SHACK	004 019 127 143 043
RCA	160 161 144 156 065 006 004 023 024 056 074 152 081
REALISTIC	007 019
RUNCO	072 073 050
SAMPO	006 004 058 242
SAMSUNG	004 101 127 133 143 160 089 105 211 228 229
SANSEI	120
SANSUI	096
SANYO	007 053 057 082 020
SCEPTRE	036
SCOTCH	004
SCOTT	004 005 028 043 048 143
SEARS	004 007 015 028 030 057 082 094 143 160 052 164
SEMIVOX	043
SEMP	015
SHARP	081 014 019 028 004 022 143 175
SIGNATURE	072
SONY	001 126 139
SOUNDESIGN	003 004 028 043
SPECTRICON	112
SQUAREVIEW	052
SSS	004 043
STARLITE	043
SUPRE MACY	002
SUPREME	001
SVA	079
SYLVANIA	006 003 059 060 063 064 127 160 164 044 249
SYMPHONIC	052 249
SYNAX OLEVIA	084

TV

Brand	Code (3-digit)
TANDY	081
TATUNG	056 062
TECHNICS	034 080
TECHNOL ACE	028
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143 103 164
TELERENT	072
TERA	172
TMK	004
TNCI	073
TOSHIBA	015 030 07 040 062 101 045
TOTEVISION	143
UNIVERSAL	008 009
VIDEO CONCEPTS	146
VIDIKRON	174 188 164 050
VIDTECH	004
WARDS	004 064 164 008 009 019 028 060 061 063 072 074 143
WESTINGHOUSE	O76 036
YAMAHA	004 006
YORK	004
YUPITERU	043
ZENITH	072 073 095 103 011 096
ZONDA	112

TV/VCR

Brand	Code (3-digit)
ADMIRAL	025 053
AIKO	117
AIWA	034 161 101
AKAI	043 046 124 146
AMERICA ACTION	117
AMERICAN HIGH	031
AMPRO	072
ANAM	031 103
ASHA	040
AUDIO DYNAMICS	012 023 043
AUDIOVOX	101
BEAUMARK	040
BROKSONIC	035 037 129 025
CALIX	101
CANON	028 031
CAPEHART	108
CCE	024 117
CINERAL	117
CITIZEN	101 117
COLT	148
CRAIG	003 040 135 024 101
CURTIS MATHES	031 041

TV/VCR

Brand	Code (3-digit)
CYBERNEX	040
DAEWOO	005 108 111 117 017 065 007 010
DAYTRON	108
DBX	012 023 043
DYNATECH	034 053
ELECTROHOME	059 101
ELECTROPHONIC	101
EMERSON	006 029 035 037 129 153 017 025 027 031 034 036 046 101 131 138 117
FISHER	003 010 008 009
FUJI	031
FUNAI	034
GARRARD	034
GE	031 072 144 147 063 107 109 040 053
GO VIDEO	132 155 040 136
GOLDSTAR	101 004 012 020
HARLEY DAVIDSON	034
HARMAN KARDON	012 045
HARWOOD	024
HITACHI	004 026 034 043 063 137 150
HQ	034
HUGHES	004
INSTANTREPLAY	031
JCL	031
JCPENEY	004 012 031 040 101
JENSEN	043
MULTITECH	024 034
NEC	012 023 043 048
NIKKO	101
NOBLEX	040
NORDMENDE	043
OLYMPUS	031
OPTIMUS	053 101
PILOT	101
PIONEER	021 004 048
PORTLAND	108
PROFITRONIC	040
PROTEC	024
RCA	107 109 144 041 031 004 020 034 040 147 158 053
SALORA	014
SAMSUNG	040 017 107 109 113 115 124 122
SANKY	053
SANSUI	043 135 048 025 034
SANYO	003 014 040 134
SCOTT	017 037 129 131
SEARS	003 004 008 014 017 081 101 010 031 034
SHART	053 031 054 159
SHINTOM	024
SHOGUN	040
SINGER	024

TV/VCR

Brand	Code (3-digit)
JVC	048 043 055 060 130 150 152 012 031
KEC	101 117
KENWOOD	034 150 014 048
KLH	024
KODAK	031 101
LG	101 004 012 020
LLOYD	034
LOGIK	024
LXI	003 009 017 034 101 004 106
MAGIN	040
MAGNASONIC	117
MAGNAVOX	067 031 034 068 041 156 170
MARANTZ	067 069 012 031
MARTA	101
MATSUI	027 030
MATSUSHITA	031
MEI	031
MEMOREX	040 101 003 014 031 034 053 072 134 139 025
MGA	045 046 059
MGNTECHNOLOGY	040
MINOLTA	004 020
MITSUBISHI	059 061 051 004 046 020 045 053
MOTOROLA	031 053
MTC	034 040
SONY	001 057 058 003 052 053 031 154 171 009 034
SOUNDESIGN	034
STS	004
SYLVANIA	031 034 059 067
SYMPHONIC	034
TANDY	034 010
TATUNG	043
TEAC	034 043
TECHNICS	031 070
TEKNIKA	031 034 101
THOMAS	034
TMK	006 040
TOSHIBA	017 131 004 008 059 082 150
TOTEVISION	040 101
UNITECH	040
VECTORRESEARCH	012
VIDEO CONCEPTS	012 034 046
VIDEOSONIC	040
WARDS	003 004 017 024 031 034 040 053 054 131
WESTINGHOUSE	024 025
XR1000	024 031 034
YAMAHA	012 034 043
ZENITH	072 034 001 058 080 101 153 048 025

TV/DVD

Brand	Code (3-digit)
AIWA	202
ALPINE	221
APEX DIGITAL	251 246 182 183
ARCAM	215
CARY AUDIO DESIGN	184
CLASSE	193
CYBERHOME	220
DAEWOO	220
DENON	226 241
FUNAI	208
GE	230 231
GOLDSTAR	235 239
GO VIDEO	201 187 188 189 194
HARMAN KARDON	243
HITACHI	223
HITEKER	246
JVC	238
KENWOOD	216
KLH	210
LG	148
MAGNAVOX	254 237
MARANTZ	253 242
MCINTOSH	217
MEMOREX	207
MITSUBISHI	227
MYRYAD	224
NAD	247 239

Brand	Code (3-digit)
NAKAMICHI	225
ONKYO	240
OPTIMUS	229
PANASONIC	228 206 226
PHILIPS	253 237 214 242
PIONEER	255 222 229
POLAROID	195
PRIMARE	185 186
PROCEED	245
PROSCAN	230 231
RCA	230 231
SAMSUNG	236 248 201 191
SANSUI	205
SANYO	204
SENSORY SCIENCE	189 190
SHARP	252
SONY	232 218 203
SYLVANIA	208
SYMPHONIC	034
TATUNG	224
TECHNICS	228
THETA DIGITAL	229
TOSHIBA	223 244 219 205 192
VENTURER	209
YAMAHA	249 226 181
ZENITH	239 226 235 239

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Technical Support

This user manual is intended for use by Owner personnel and fs|cdn end users.

If you have questions or problems please contact Conklin-Intracom Customer Technical Support:

phone: **800-877-5228**
770-295-2500

E-mail: **fscdnsupport@conklin-intracom.com**

website: **www.conklin-intracom.com**

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Website: **www.conklin-intracom.com**

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